

Multiplying an integer and a fraction

Year 7

Answers

Core:

1. $\frac{3}{5}$
2. $\frac{5}{9}$
3. $\frac{6}{7}$
4. $\frac{8}{15}$
5. $\frac{4}{5}$
6. 12

Extension:

1. 8
2. 30 miles
3. $-\frac{6}{7}$
4. $-\frac{2}{3}$

Challenge:

1. $60 \times \frac{7}{10} = 42$
2. Examples include: $\frac{1}{10} \times 100$ and $\frac{2}{5} \times 25$
3. Examples include:
 $5 \times \frac{3}{21}$ gives a proper fraction
 $21 \times \frac{5}{3}$ gives a whole number
 $3 \times \frac{21}{5}$ gives an improper fraction